

Abstract of the Disclosure

The present invention sets forth a network-centric service distribution architecture and method that integrates a wireless access system/service in the residence, SOHO, business or public environment through the use of a local broadband network, such as a Residential-Business Broadband Network (RBN), to the service provider's broadband transport network and to a service provider's broadband packet network that facilitates end-to-end packet telecommunication services. Access functions for connecting said service provider's broadband packet network to the RBN via said service provider's broadband transport network are provided. Call and service termination functions to a plurality of local RBN devices are also provided. Signals from a plurality of wireless devices are accepted and forwarded to an IEEE 802.11b interface for a wireless modem and/or to an Ethernet interface for a Voice over Internet Protocol (VOIP)/Ethernet Processor, where the forwarded signals comprise intranet telephony and data. Voice signals are also accepted from a plurality of tip/ring interfaces and forwarded to a broadband transport interface for back haul of data and voice packets. A service provider can deploy services in an integrated voice, data and multimedia environment cost-effectively based on one broadband packet network.